

ATTORNEY DOCKET NO. 056108-5005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Chris SOMERVILLE *et al.*

Application No.: 09/117,921

Filed: March 04, 1999

For: PRODUCTION OF HYDROXYLATED FATTY ACIDS
IN GENETICALLY MODIFIED PLANTS

Group Art Unit: 1638

Examiner: E. McElwain

Commissioner for Patents
Washington, D.C. 20231

Sir:

AMENDMENT

In response to the Non-final Office Action mailed February 13, 2002, please amend the application as follows:

IN THE CLAIMS

Please cancel non-elected claims 2-6, 12-13 and 17-34.

Please amend claims 1, 7-9, 11 and 14-15 as follows:

1. A method of altering an amount of an unsaturated fatty acid in a seed of a plant comprising decreasing a fatty acid desaturase activity in the seed by genetic manipulation of a fatty acid desaturase.

7. The method of claim 1, wherein said plant is transformed with a nucleic acid containing a sequence which encodes a fatty acid desaturase.